

Osie vs. Fleio

An OpenStack Billing System Comparison

Poor OpenStack billing for your cloud solution costs you more than revenue - it costs you customers. With the right OpenStack billing solution, you can build customer trust through flexible and transparent billing.

Osie and Fleio are leading OpenStack billing services in Europe. This document compares their key features and capabilities to help you choose the better option for your OpenStack deployment.

1. General Facts

Feature	Osie	Fleio
Category	OpenStack dashboard and billing system	OpenStack dashboard and billing system
Open Source	No	No
Self-hosting	Yes	Yes
GitHub Repository	github.com/osie-io	github.com/fleio
Demo Available	Yes	Yes
Description	Robust administrative panel and stylish OpenStack dashboard	Client billing dashboard and admin control panel

2. Features & Functionalities

Technology & User Experience

Feature	Osie	Fleio
Modern Tech Stack	Yes - Fast page loading, pleasant UX	Yes - SPA with extensive API tools
White Label	Included in free trial	Additional 20% of base license cost

Billing Capabilities

Feature	Osie	Fleio
Tax Calculations	Country-specific rules and scoped tax rates	Tax rules for taxable services
Notifications	Via osie-notifier container with RabbitMQ	Requires configuration of OpenStack services
Pricing Rules	PAYG with hourly, per-minute, monthly options	Per minute, hour, or storage-based
Billing Models	PAYG with savings plans and promotional credits	Pre-paid and post-paid options
Dunning	Automatic suspension with override option	Filtering by status with configurable thresholds

Access Control & APIs

Feature	Osie	Fleio
Access Control	RBAC via scoped tokens, separate dashboards	OpenStack role differentiation with permissions
Public APIs	Admin API for automations and integrations	API for automation and integration
API Authentication	Third-party identity provider (Keycloak)	Django Rest Framework tokens or Fleio tokens

3. Integrations

OpenStack Services

Feature	Osie	Fleio
Core Services	Keystone, Nova, Neutron, Heat, Cinder, Octavia, Glance, Swift, Designate, Magnum, Manila, Ironic	Keystone, Nova, Neutron, Glance (mandatory)
Optional Services	-	Gnocchi, Ceilometer, Cinder, Designate, Magnum, Heat, Swift, Octavia, Barbican, Trove

Authentication & Payment

Feature	Osie	Fleio
Authentication	SSO with OpenID providers including Keycloak	2FA and SSO with SAML 2 protocol
Payment Gateways	Stripe, PayPal	PayPal, Romcard, Stripe, PayU, PayURO, iPay
Invoicing Gateways	Stripe, WHMCS, Smartbill	PayPal, Stripe, Romcard, PayU

Additional Capabilities

Feature	Osie	Fleio
Plugins	No	TODO plugin for task management
Marketing	Google Ad campaign integration	No

4. Installation & Self-hosting

Feature	Osie	Fleio
Kubernetes	Yes - Official Helm Chart	No
Docker	No	Yes - Single command via Docker Compose
Backup Support	Velero to S3-compatible storage	Selective (e.g., database instances)

5. Costs & Pricing

Feature	Osie	Fleio
Free Trial	14 days (no credit card required)	No
Free Tier	Up to 100 customers, 200 active VMs, white label	N/A
Paid Tiers	Enterprise: unlimited customers/VMs, premium support	Tier 1: 2TB RAM (€200/month) Tier 2: 3TB RAM (€300/month) Tier 3: 4TB RAM (€400/month)
Vendor Lock-in	No	No

6. Data Control & Privacy

Feature	Osie	Fleio
GDPR Compliance	Yes	Information not available
CCPA Compliance	Yes	Information not available
Personal Data Deletion	Yes	Information not available

7. Community & Support

Feature	Osie	Fleio
Community	Yes	Yes
Forum/Message Boards	Yes	Yes
Email Support	Yes	Yes
Dedicated Slack	Yes	No
Documentation	Comprehensive	Comprehensive

8. Selection Guide

Choose Osie if you:

- Use Kubernetes for deployments
- Need a free trial period
- Want included white-label capabilities
- Require GDPR and CCPA compliance
- Prefer Slack for customer support

Choose Fleio if you:

- Use Docker for deployments
- Need RAM-based licensing tiers
- Want both pre-paid and post-paid billing models
- Need task management functionality

OpenStack Billing FAQs

How do Fleio and Osie differ from Ceilometer or CloudKitty?

Ceilometer and CloudKitty are OpenStack projects for data collection and basic billing functionality. Osie and Fleio are comprehensive solutions with additional features like automated suspension, PDF invoices, and multi-currency support.

Are Osie and Fleio open source?

No, neither is open source, though both are built on OpenStack, which is open source. Osie offers a free license during its 14-day trial.

This comparison is designed to help cloud service providers select the optimal OpenStack billing solution for their specific technical requirements and business needs.